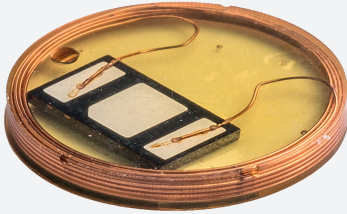


# RFID Transponder

## IQC33-9.5 50pcs

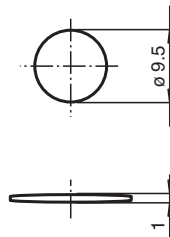


- Operating frequency 13.56 MHz
- Readable and writable from both sides
- Packaging unit: 50 pieces
- 16 kbit memory available
- 64 bit Fixcode

Data carrier



### Dimensions



### Technical Data

General specifications	
Operating frequency	13.56 MHz
Transfer rate	26 kBit/s
Memory	
Chip Type	FRAM MB89R118 (Fujitsu)
FRAM	16 kBit
UID	64 Bit
Memory organization	8 bytes/block
Read cycles	unlimited
Write cycles	unlimited
Data retention period	10 years
Directive conformity	
Radio equipment	
Directive 2014/53/EU	EN 300330
RoHS	
Directive 2011/65/EU (RoHS)	IEC/EN 63000
Standard conformity	

Release date: 2022-12-15 Date of issue: 2022-12-15 Filename: 70145513\_eng.pdf

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

Pepperl+Fuchs Group  
www.pepperl-fuchs.com

USA: +1 330 486 0001  
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 1111  
fa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091  
fa-info@sg.pepperl-fuchs.com

 PEPPERL+FUCHS

## Technical Data

Degree of protection	EN 60529
RFID	ISO/IEC 15693-1 ISO/IEC 15693-2 ISO/IEC 15693-3 ISO/IEC 18000-3
<b>Ambient conditions</b>	
Ambient temperature	-20 ... 85 °C (-4 ... 185 °F)
Storage temperature	-40 ... 85 °C (-40 ... 185 °F)
<b>Mechanical specifications</b>	
Housing height	1 mm
Housing diameter	9.5 mm
Degree of protection	IP67
Material	
Housing	Epoxy
Installation	
In air	yes
Mass	1 g
Construction type	Cylindrical
Note	Packaging unit, 50-piece

## Application

The transponder can be read and written from either side.